APPENDIX 6 ATTACHMENT 1 ENGINEERING SUMMARY COST ESTIMATE

PROJECT SPYAZO: YAZOO BACKWATER PUMP SELECTED PL - 01AUGUST 2007
YAZOO BACKWATER REFORMULATION SELECTED PLAN

TITLE PAGE 1

YAZOO BACKWATER PUMP SELECTED PL
01AUGUST 2007
FINAL ARRAY OF ALTERNATIVIES
14,000 CFS, AND NONSTRUCTURAL
FLOOD DAMAGE REDUCTION MEASURES

Designed By: USAED, VICKSBURG

Estimated By: COST ENGINEERING BRANCH

Prepared By: PHILLIP G. HEGWOOD

Preparation Date: 10/01/06 Effective Date of Pricing: 10/01/06

Sales Tax: 0.00%

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Release 5.31

Tue 31 Jul 2007
Eff. Date 10/01/06
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PROJECT SPYAZO: YAZOO BACKWATER PUMP SELECTED PL - 01AUGUST 2007

YAZOO BACKWATER REFORMULATION SELECTED PLAN

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No Detailed Estimate...

No Backup Reports...

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PROJECT SPYAZO: YAZOO BACKWATER PUMP SELECTED PL - 01AUGUST 2007
YAZOO BACKWATER REFORMULATION SELECTED PLAN

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BASIS OF THE GOVERNMENT ESTIMATE

General:

Work performed on this pumping plant will accomplished as one item. Work involved will consist of furnishing all plant, labor, materials and equipment to construct the principal features to include: mobilization and demobilization, clearing and grubbing, channel excavation, degrading cofferdam, construction of pumping station, turfing, etc.

Operating Shifts:

Construction operations will be prosecuted in one 10-hour shift per day, six days per week.

Labor:

No difficulty is anticipated in obtaining the required crafts and laborers. It is assumed that the contractor will employ skilled personnel to operate the equipment.

The wage rates used in the estimate reflect current rates observed in other work. Overtime is computed at the rate of 16.67% of straight time based on the time worked in excess of 40 hours per week.

Employer's liability, general liability, public liability, automotive liability, property damage, and workmen's compensation insurance and social security taxes are added to labor costs for all operations.

Equipment:

Equipment rates are based on the U. S. Army Corps of Engineers' pamphlet "Construction Equipment Ownership and Operating Expense Schedule" (EP 1110-1-8) for Region III.

Materials:

The costs of materials and supplies are based on recent jobs using the same materials which were obtained from various distributors and current catalogs on file in Cost Engineering Branch, or from the Unit Price Book.

Major cost items such as the pumps and motors and other mechanical items were based on bid results from other Districts for similar items.

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PROJECT SPYAZO: YAZOO BACKWATER PUMP SELECTED PL - 01AUGUST 2007

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REASONS FOR CONTINGENCIES

Feature 01 - Lands and Damages

Contingencies for the 01 feature were provided by Real Estate Division and are at 25%

Feature 02 - Relocations (shown at lowest levels)

Feature 09 - Channels and Canals (shown at lowest levels)

Feature 11 - Levees and Floodwalls (shown at lowest levels)

Feature 13 - Pumping Plant (shown at owner level)

Feature 19 - Buildings, Grounds and Utilities (shown at owner level)

Feature 20 - Permanent Operating Equipment (shown at owner level)

Contingencies for all items vary from 15% TO 20% primarily for probable variation with respect to quantities, and potential design changes during the P & S phase of the project. Unit costs and the method of construction are not expected to vary greatly.

Feature 30 - Planning, Engineering and Design

Contingencies for this item are projected to be 25% and were provided by Project Management.

Feature 31 - Construction Management

Contingencies for this item will be 25%, and were provided by Project Management.

ESCALATION

The costs were escalated based on the current schedule. The escalation factors were provided by the Project Manager, and is considered fully funded.

U.S. Army Corps of Engineers

PROJECT SPYAZO: YAZOO BACKWATER PUMP SELECTED PL - 01AUGUST 2007

YAZOO BACKWATER REFORMULATION SELECTED PLAN

** PROJECT OWNER SUMMARY - Contract **

SUMMARY PAGE 1

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		QUANTY UOM	CONTRACT COST	CONTINGN	ESCALATN	TOTAL COST
	Yazoo Backwater Pumps 14,000 CFS		122,339,305	24,823,857	28,142,107	175,305,269
02	Non-Struc Flood Damage Reduction		59,399,000	13,531,780	3,710,767	76,641,547
TOTAL	YAZOO BACKWATER PUMP SELECTED PL	1.00 EA	181,738,305	38,355,637	31,852,873	251,946,816

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YAZOO BACKWATER REFORMULATION SELECTED PLAN

** PROJECT OWNER SUMMARY - Feature **

 	QUANTY UOM	CONTRACT COST	CONTINGN	ESCALATN	TOTAL COST
01 Yazoo Backwater Pumps 14,000 CFS					
01.01 Lands and Damages		120,800	30,200	19,430	170.430
01.02 Relocations				697,016	4,235,166
01.09 Channels and Canals		4,351,620	652,743		5,990,222
01.11 Levees and Floodwalls		993,169	148,975		1,367,147
01.13 Pumping Plant		89,725,971	17,840,225		128,756,736
01.19 Buildings, Grounds, & Utilities		1,433,116	286,623	338,789	2,058,528
01.20 Permanent Operating Equipment		1,158,447	208,520	269,292	1,636,259
01.30 Planning, Engineering and Design			3,893,563		21,985,005
01.31 Construction Management		5,765,430	1,441,358		9,105,776
TOTAL Yazoo Backwater Pumps 14,000 CFS		122,339,305	24,823,857	28,142,107	175,305,269
02 Non-Struc Flood Damage Reduction					
02.01 Lands and Damages		48,856,200	12,213,800	2,091,804	63,161,804
02.06 Fish and Wildlife Facilities			878,480	1,327,735	10,991,015
02.30 Planning, Engineering and Design		1,148,000	287,000	185,546	1,620,546
02.31 Construction Management				105,683	868,183
TOTAL Non-Struc Flood Damage Reduction		59,399,000	13,531,780	3,710,767	76,641,547
TOTAL YAZOO BACKWATER PUMP SELECTED PL	1.00 EA	181,738,305	38,355,637	31 852 873	251,946,816

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YAZOO BACKWATER REFORMULATION SELECTED PLAN

** PROJECT OWNER SUMMARY - Sub-Feat **

	OTT 1				
	QUANTY UOM	CONTRACT COST	CONTINGN	ESCALATN	TOTAL COS
01 Yazoo Backwater Pumps 14,000 CFS					
01.01 Lands and Damages					
01.01.01 Project Planning					
01.01.02 Acquisitions		21,000	5,250	5,313	31,56
		25,000	6,250	6,325	37, 57
01.01.05 Appraisals		20,000	5,000	5,060	30,06
01.01.06 PL 91-646 Assistance		800	200	202	1,20
01.01.13 Project Administration		9,000	2,250	2,277	13,52
01.01.18 Real Estate Payments		45,000	11,250	253	56,50
TOTAL Lands and Damages		120,800	30,200	19,430	170,43
01.02 Relocations					
01.02.01 Bridge Replacement		3,216,500	321,650	697,016	4,235,166
TOTAL Relocations		2 016 000			
		3,216,500	321,650	697,016	4,235,16
01.09 Channels and Canals					
01.09.01 Channels		4,351,620	652,743	985,859	5,990,222
TOTAL Channels and Canals		4,351,620	652,743	985,859	5,990,222
01.11 Levees and Floodwalls					
01.11.01 Levees		564 015			
01.11.02 Floodwalls		664,915 328,254	99,737 4 9,238	150,637 74,366	915,289 451,858
TOTAL Levees and Floodwalls		993,169	148,975		
		223,103	148,975	225,003	1,367,147
01.13 Pumping Plant					
01.13.00 Pumping Plant		89,725,971	17,840,225	21,190,540	128,756,736
TOTAL Pumping Plant					
		89,725,971	17,840,225	21,190,540	128,756,736
01.19 Buildings, Grounds, & Utilities					
01.19.00 Buildings, Grounds, & Utilities		1,433,116	286,623	338,789	2,058,528
TOTAL Buildings, Grounds, & Utilities					

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YAZOO BACKWATER REFORMULATION SELECTED PLAN

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** PROJECT OWNER SUMMARY - Sub-Feat **

	QUANTY UOM CONTRACT COST	CONTINGN	ESCALATN	TOTAL COST
01.20 Permanent Operating Equipment				•
01.20.00 Permanent Operating Equipment	1,158,447	208,520	, , , , , , , , , , , , , , , , , , , ,	1,636,259
TOTAL Permanent Operating Equipment	1,158,447	208,520	269,292	1,636,259
01.30 Planning, Engineering and Design				
01.30.04 Constructn Contracts(s) Documnt	12 (55 050			
01.30.05 Programs & Project Managmt Domn		3,413,765 479,799	2,206,999 310,190	19,275,821 2,709,184
TOTAL Planning, Engineering and Design	n 15,574,253	3,893,563	2,517,189	21,985,005
01.31 Construction Management				
01.31.23 Construction Contracts	5,765,430	1,441,358	1,898,989	9,105,776
TOTAL Construction Management	5,765,430	1,441,358	1,898,989	9,105,776
TOTAL Yazoo Backwater Pumps 14,000 CFS	122,339,305	24,823,857	28,142,107	175,305,269
02 Non-Struc Flood Damage Reduction				
02.01 Lands and Damages				
02.01.01 Project Planning	39,000	9,500	0.016	
02.01.02 Acquisitions	3,386,000	846,500	9,816 856,658	58,316
02.01.05 Appraisals	1,701,000	425,250	430,353	5,089,158
02.01.06 PL 91-646 Assistance	243,000	60,750	61,479	2,556,603
02.01.13 Project Administration	727,000	181,750	183,931	365,229
02.01.18 Real Estate Payments	42,760,200	10,690,050	549,567	1,092,681 53,999,817
TOTAL Lands and Damages	48,856,200	12,213,800	2,091,804	63,161,804
02.06 Fish and Wildlife Facilities				
02.06.03 Wildlife Facilities & Sanctuary	8,784,800		1,327,735	10,991,015
TOTAL Fish and Wildlife Facilities	8,784,800	878,480	1,327,735	10,991,015
02.30 Planning, Engineering and Design				
02.30.23 Constructn Contracts(s) Documnts	1,148,000		185,546	1,620,546
TOTAL Planning, Engineering and Design	1,148,000	287,000	185,546	1,620,546

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YAZOO BACKWATER REFORMULATION SELECTED PLAN

** PROJECT OWNER SUMMARY - Sub-Feat **

	MOU YTMAUQ	CONTRACT COST	CONTINGN	ESCALATN	TOTAL COST
02.31 Construction Management					
02.31.23 Construction Contracts		610,000	152,500	105,683	868,183
TOTAL Construction Management		610,000	152,500	105,683	868,183
TOTAL Non-Struc Flood Damage Reduction		59,399,000	13,531,780	3,710,767	76,641,547
TOTAL YAZOO BACKWATER PUMP SELECTED PL	1.00 EA	181,738,305	38,355,637	31,852,873	251,946,816

Escalation

TOTAL INCL OWNER COSTS

U.S. Army Corps of Engineers

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31,852,873 -----

251,946,816

YAZOO BACKWATER REFORMULATION SELECTED PLAN

** PROJECT INDIRECT SUMMARY - Contract **

QUANTY UOM TOTAL DIRECT FIELD OH HOME OH BOND PROFIT CONT TAX TOTAL COST 01 Yazoo Backwater Pumps 14,00 99,573,148 7,489,617 4,119,289 865,051 6,989,610 3,302,591 122,339,305 02 Non-Struc Flood Damage Redu 59,399,000 0 0 0 0 59,399,000 -----YAZOO BACKWATER PUMP SELECT 1.00 EA 158,972,148 7,489,617 4,119,289 865,051 6,989,610 3,302,591 181,738,305 Contingencies 38,355,637 -----SUBTOTAL 220,093,942

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YAZOO BACKWATER REFORMULATION SELECTED PLAN

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** PROJECT INDIRECT SUMMARY - Feature **

	QUANTY UOM	TOTAL DIRECT	FIELD OH	HOME OH	BOND	PROFIT	CONT TAX	TOTAL COST
01 Yazoo Backwater Pumps 14,00								
01.01 Lands and Damages		120,800	0		0		0	120,800
01.02 Relocations		3,216,500	0	0	0	0	0	3,216,500
01.09 Channels and Canals		3,337,209	333,721	183,547	38,545	311,442	147,156	4,351,620
01.11 Levees and Floodwalls		761,651	76,165	41,891	8,797	71,080		993,169
01.13 Pumping Plant		68,809,864	6,880,986	3,784,543	794,754	6,421,612	3,034,212	89,725,971
01.19 Buildings, Grounds, & Ut		1,099,041	109,904	60,447	12,694	102,567		1,433,116
01.20 Permanent Operating Equi		888,400	88,840	48,862	10,261	82,909	39,175	1,158,447
01.30 Planning, Engineering an		15,574,253	0	0	0	0	0	15,574,253
01.31 Construction Management			. 0		0	0	0	5,765,430
TOTAL Yazoo Backwater Pumps 14			7,489,617			6,989,610	3,302,591	122,339,305
02 Non-Struc Flood Damage Redu								
02.01 Lands and Damages		48,856,200	0	0	0	0	0	48,856,200
02.06 Fish and Wildlife Facili		8,784,800	0	0	0	0	0	8,784,800
02.30 Planning, Engineering an		1,148,000	0	0	0	0	0	1,148,000
02.31 Construction Management		610,000		0	0	0	0	610,000
TOTAL Non-Struc Flood Damage R		59,399,000	0	0	0	0	0	59,399,000
TOTAL YAZOO BACKWATER PUMP SEL	1.00 EA	158,972,148				6,989,610		181,738,305
Contingencies								38,355,637
SUBTOTAL								220,093,942
Escalation								31,852,873
TOTAL INCL OWNER COSTS								251,946,816

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PROJECT SPYAZO: YAZOO BACKWATER PUMP SELECTED PL - 01AUGUST 2007

YAZOO BACKWATER REFORMULATION SELECTED PLAN

** PROJECT INDIRECT SUMMARY - Sub-Feat **

	QUANTY UOM	TOTAL DIRECT	FIELD OF	номе оі	H BOND	PROFIT	CONT TAX	TOTAL COST
01 Yazoo Backwater Pumps 14,00								
01.01 Lands and Damages								
01.01.01 Project Planning		21,000	C		o o	0	0	21,000
01.01.02 Acquisitions		25,000	0		0 0	0		25,000
01.01.05 Appraisals		20,000	0	(0	0		20,000
01.01.06 PL 91-646 Assistance		800	0	(0	0	-	800
01.01.13 Project Administratio		9,000	0	(0	0	0	9,000
01.01.18 Real Estate Payments		45,000		(0	0		45,000
TOTAL Lands and Damages		120,800		() 0	0	0	120,800
01.02 Relocations								
01.02.01 Bridge Replacement		3,216,500			0	-	0	3,216,500
TOTAL Relocations		3,216,500				0		3,216,500
01.09 Channels and Canals								
01.09.01 Channels							147,156	4,351,620
TOTAL Channels and Canals		3,337,209				311,442		4,351,620
01.11 Levees and Floodwalls								
01.11.01 Levees		509,916	50,992	28.045	5,890	47,587	22,485	664 015
01.11.02 Floodwalls		251,734	25,173	13,845	2,908	23,493	11,100	664,915 328,254
TOTAL Levees and Floodwalls		761,651				71,080		993,169
01.13 Pumping Plant								
01.13.00 Pumping Plant		68,809,864	6,880,986	3,784,543	794,754	6,421,612	3,034,212	89,725,971
TOTAL Pumping Plant						6,421,612		89,725,971
01.19 Buildings, Grounds, & Ut								
01.19.00 Buildings, Grounds, &		1,099,041	109,904	60,447	12,694	102,567	48,463	1,433,116
TOTAL Buildings, Grounds, &		1,099,041				102,567		1,433,116

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PROJECT SPYAZO: YAZOO BACKWATER PUMP SELECTED PL - 01AUGUST 2007

YAZOO BACKWATER REFORMULATION SELECTED PLAN

** PROJECT INDIRECT SUMMARY - Sub-Feat **

	QUANTY UOM	TOTAL DIRECT	FIELD OH	HOME OH	BOND	PROFIT	CONT TAX	TOTAL COST
01 20 Parrant 0								
01.20 Permanent Operating Equi								
01.20.00 Permanent Operating E								1,158,447
TOTAL Permanent Operating E		888,400	88,840			82,909	39,175	1,158,447
01.30 Planning, Engineering an								
01.30.04 Constructn Contracts(13,655,058	0	0	0			
01.30.05 Programs & Project Ma		1,919,195			-	0		13,655,058
								1,919,195
TOTAL Planning, Engineering		15,574,253	0	0	0	0	0	15,574,253
01.31 Construction Management								
01.31.23 Construction Contract		5,765,430				-	0	5,765,430
TOTAL Construction Manageme			0	0	0	0	0	5,765,430
TOTAL Yazoo Backwater Pumps		99,573,148					3,302,591	122,339,305
02 Non-Struc Flood Damage Redu								
02.01 Lands and Damages								
02.01.01 Project Planning		39,000	0	0	0	0	0	39.000
02.01.02 Acquisitions		3,386,000	0	0	0	0	0	39,000 3,386,000
02.01.05 Appraisals		1,701,000	0	0	0	0	0	1,701,000
02.01.06 PL 91-646 Assistance		243,000	0	0	0	0	0	243,000
02.01.13 Project Administratio		727,000	0	0	0	0	0	727,000
02.01.18 Real Estate Payments		42,760,200	0	0	0	0	0	42,760,200
TOTAL Lands and Damages		48,856,200	0	0	0	0	0	48,856,200
02.06 Fish and Wildlife Facili								
02.06.03 Wildlife Facilities &		8,784,800				0	0	8,784,800
TOTAL Fish and Wildlife Fac		8,784,800				0		8,784,800
02.30 Planning, Engineering an								
02.30.23 Constructn Contracts(0	0	1,148,000
TOTAL Planning, Engineering		1,148,000	0				0	1,148,000

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YAZOO BACKWATER REFORMULATION SELECTED PLAN

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251,946,816

** PROJECT INDIRECT SUMMARY - Sub-Feat **

		·						
	QUANTY UOM	TOTAL DIRECT	FIELD OH	номе он	BOND	PROFIT	CONT TAX	TOTAL COST
02.31 Construction Management								
02.31.23 Construction Contract		610,000	0	0	0	0	0	610,000
TOTAL Construction Managem		610,000	0	0	0	0	0	610,000
TOTAL Non-Struc Flood Damag		59,399,000	0	•	0	0	0	59,399,000
TOTAL YAZOO BACKWATER PUMP	1.00 EA	158,972,148				6,989,610		181,738,305
Contingencies								38,355,637
SUBTOTAL								
Escalation								220,093,942
								31,852,873
TOTAL INCL OWNER COSTS								

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YAZOO BACKWATER REFORMULATION SELECTED PLAN

** PROJECT DIRECT SUMMARY - Contract **

	QUANTY UOM EQUIPMN				TOTAL COST
01 Yazoo Backwater Pumps 14,000 CFS	10889235	38203296	48866818	1,613,800	99,573,148
02 Non-Struc Flood Damage Reduction	0	0	0	59399000	59,399,000
TOTAL YAZOO BACKWATER PUMP SELECTED PL	1.00 EA 10889235	38203296			158,972,148
Prime's Field Office Expense					7,489,617
SUBTOTAL					166,461,765
Prime's Home Office Expense					4,119,289
SUBTOTAL					170,581,054
Prime Contractor's Bond					865,051
SUBTOTAL					171,446,105
Total Profit					6,989,610
SUBTOTAL					178,435,715
Mississippi Cont. Tax (3.5%)					3,302,591
TOTAL INCL INDIRECTS					101 720 205
Contingencies					181,738,305 38,355,637
SUBTOTAL					
Escalation					220,093,942 31,852,873
TOTAL INCL OWNER COSTS					
TOTAL THE ONLINE COSTS					251,946,816

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YAZOO BACKWATER REFORMULATION SELECTED PLAN

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** PROJECT DIRECT SUMMARY - Feature **

 	QUANTY UOM EQUIPMN	LABOR	MATERIAL	OTHER	TOTAL COS
01 Variou Parlanta					
01 Yazoo Backwater Pumps 14,000 CFS					
01.01 Lands and Damages	0	0	0	120,800	120,80
01.02 Relocations	1108250	1,108,250			3,216,50
01.09 Channels and Canals	2425241	886,968	25,000	0	3,337,20
01.11 Levees and Floodwalls	369,741	247,530	144,380		761,65
01.13 Pumping Plant	6089720	16078943	46641202	0	68,809,86
01.19 Buildings, Grounds, & Utilities	7,883	34,922	1,056,236	0	1,099,04
01.20 Permanent Operating Equipment	888,400	0	0	0	
01.30 Planning, Engineering and Design	0	14081253	0	1,493,000	15,574,25
01.31 Construction Management	0	5,765,430	0	0	5,765,43
TOTAL Yazoo Backwater Pumps 14,000 CFS		38203296			99,573,148
02 Non-Struc Flood Damage Reduction					
02.01 Lands and Damages	0	2			
02.06 Fish and Wildlife Facilities	0	0			48,856,20
02.30 Planning, Engineering and Design	0	0		8,784,800	8,784,80
02.31 Construction Management	0	0			1,148,00
J		0		610,000	610,00
TOTAL Non-Struc Flood Damage Reduction	0	0	0	59399000	59,399,000
TOTAL YAZOO BACKWATER PUMP SELECTED PL		38203296			158,972,148
Prime's Field Office Expense					7,489,617
SUBTOTAL					
Prime's Home Office Expense					166,461,765
					4,119,289
SUBTOTAL					
Prime Contractor's Bond					170,581,054
					865,051
SUBTOTAL					
Total Profit					171,446,105
					6,989,610
SUBTOTAL					
Mississippi Cont. Tax (3.5%)					178,435,715
					3,302,591
TOTAL INCL INDIRECTS					
Contingencies					181,738,305
					38,355,637
SUBTOTAL					220 202 242
Escalation					220,093,942
					31,852,873

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YAZOO BACKWATER REFORMULATION SELECTED PLAN

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** PROJECT DIRECT SUMMARY - Sub-Feat **

------QUANTY UOM EQUIPMN LABOR MATERIAL OTHER TOTAL COST -----01 Yazoo Backwater Pumps 14,000 CFS 01.01 Lands and Damages 01.01.01 Project Planning 0 21,000 0 0 21,000 01.01.02 Acquisitions 0 0 0 25,000 25,000 01.01.05 Appraisals 0 0 0 20,000 20,000 01.01.06 PL 91-646 Assistance 0 0 0 800 800 01.01.13 Project Administration 0 9,000 0 0 9,000 01.01.18 Real Estate Payments 0 0 0 45,000 45,000 -----TOTAL Lands and Damages 0 0 120,800 120,800 01.02 Relocations 01.02.01 Bridge Replacement 1108250 1,108,250 1,000,000 0 3,216,500 ----------TOTAL Relocations 1108250 1,108,250 1,000,000 0 3,216,500 01.09 Channels and Canals 01.09.01 Channels 2425241 886,968 25,000 0 3,337,209 -----TOTAL Channels and Canals 2425241 886,968 25,000 0 3,337,209 01.11 Levees and Floodwalls
 346,209
 163,707
 0
 0

 23,532
 83,822
 144,380
 0
 01.11.01 Levees 509,916 01.11.02 Floodwalls -----TOTAL Levees and Floodwalls 369,741 247,530 144,380 0 761,651 01.13 Pumping Plant 01.13.00 Pumping Plant 6089720 16078943 46641202 0 68,809,864 -----------TOTAL Pumping Plant 6089720 16078943 46641202 0 68,809,864 01.19 Buildings, Grounds, & Utilities 01.19.00 Buildings, Grounds, & Utilities 7,883 34,922 1,056,236 0 1,099,041

TOTAL Buildings, Grounds, & Utilities

0

1,099,041

7,883 34,922 1,056,236

TIME 14:43:39

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PROJECT SPYAZO: YAZOO BACKWATER PUMP SELECTED PL - 01AUGUST 2007

YAZOO BACKWATER REFORMULATION SELECTED PLAN

** PROJECT DIRECT SUMMARY - Sub-Feat **

	QUANTY UOM EQUIPMN				TOTAL COST
01.20 Permanent Operating Equipment					
01.20.00 Permanent Operating Equipment	888,400	0	0	0	888,400
TOTAL Permanent Operating Equipment			0		888,400
01.30 Planning, Engineering and Design					
01.30.04 Constructn Contracts(s) Documnts		12150050			
01.30.05 Programs & Project Managmt Domnt	_	12162058 1,919,195		493,000	13,655,058 1,919,195
TOTAL Planning, Engineering and Design			0 1,		
01.31 Construction Management					
01.31.23 Construction Contracts					5,765,430
TOTAL Construction Management	0	5,765,430	0	0	5,765,430
TOTAL Yazoo Backwater Pumps 14,000 CFS			48866818 1,		99,573,148
02 Non-Struc Flood Damage Reduction					
02.01 Lands and Damages					
02.01.01 Project Planning	0	0	0	39,000	39,000
02.01.02 Acquisitions	0	0	0 3,		3,386,000
02.01.05 Appraisals	0			701,000	
02.01.06 PL 91-646 Assistance	0	0	0 :	243,000	243,000
02.01.13 Project Administration	0	0	0 .	727,000	727,000
02.01.18 Real Estate Payments	0	0	0 42	2760200	42,760,200
TOTAL Lands and Damages	0	0	0 48	3856200	48,856,200
02.06 Fish and Wildlife Facilities					
02.06.03 Wildlife Facilities & Sanctuary	0	0			8,784,800
TOTAL Fish and Wildlife Facilities	0		0 8,7		8,784,800
02.30 Planning, Engineering and Design					
02.30.23 Constructn Contracts(s) Documnts	0	0		48,000	1,148,000
TOTAL Planning, Engineering and Design	0		0 1,1	48,000	1,148,000

U.S. Army Corps of Engineers

TIME 14:43:39 PROJECT SPYAZO: YAZOO BACKWATER PUMP SELECTED PL - 01AUGUST 2007

YAZOO BACKWATER REFORMULATION SELECTED PLAN

SUMMARY PAGE 15

** PROJECT DIRECT SUMMARY - Sub-Feat **

	QUANTY UOM EQUIPMN	LABOR	MATERIAL	OTHER	TOTAL COST
02.31 Construction Management					
02.31.23 Construction Contracts				610,000	610,000
TOTAL Construction Management	. 0		0	610,000	610,000
TOTAL Non-Struc Flood Damage Reduction	0		0	59399000	59,399,000
TOTAL YAZOO BACKWATER PUMP SELECTED PL		38203296			158,972,148
Prime's Field Office Expense					7,489,617
SUBTOTAL					
Prime's Home Office Expense					166,461,765 4,119,289
SUBTOTAL					170,581,054
Prime Contractor's Bond					865,051
SUBTOTAL					171,446,105
Total Profit					6,989,610
SUBTOTAL					178,435,715
Mississippi Cont. Tax (3.5%)					3,302,591
TOTAL INCL INDIRECTS					101 720 205
Contingencies					181,738,305 38,355,637
SUBTOTAL					220,093,942
Escalation					31,852,873
TOTAL INCL. CONTR. COCCO					
TOTAL INCL OWNER COSTS					251,946,816

PROJECT 02YAZO: YAZOO BACKWATER PUMP PLAN #2 (F) - 01 AUGUST 2007

YAZOO BACKWATER REFORMULATION STUDY 2 (F)

TITLE PAGE 1

YAZOO BACKWATER PUMP PLAN #2 (F)
01 AUGUST 2007
FINAL ARRAY OF ALTERNATIVIES
NONSTRUCTURAL FLOOD DAMAGE
REDUCTION MEASURES

Designed By: USAED, VICKSBURG

Estimated By: COST ENGINEERING BRANCH

Prepared By: PHILLIP G. HEGWOOD

Preparation Date: 10/01/06 Effective Date of Pricing: 10/01/06

Sales Tax: 0.00%

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U.S. Army Corps of Engineers

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YAZOO BACKWATER REFORMULATION STUDY 2 (F)

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Tue 31 Jul 2007 Eff. Date 10/01/06 PROJECT 02YAZO: YAZOO BACKWATER PUMP PLAN #2 (F) - 01 AUGUST 2007

U.S. Army Corps of Engineers

TIME 13:47:45

SUMMARY PAGE 1

YAZOO BACKWATER REFORMULATION STUDY 2 (F)

** PROJECT OWNER SUMMARY - Contract **

QUANTY UOM CONTRACT COST CONTINGN TOTAL COST 346,794,200 83,750,020 430,544,220 01 Non-Struc Flood Damage Reduction TOTAL YAZOO BACKWATER PUMP PLAN #2 (F) 1.00 EA 346,794,200 83,750,020 430,544,220

U.S. Army Corps of Engineers PROJECT 02YAZO: YAZOO BACKWATER PUMP PLAN #2 (F) - 01 AUGUST 2007

TIME 13:47:45

SUMMARY PAGE 2

346,794,200 83,750,020 430,544,220

YAZOO BACKWATER REFORMULATION STUDY 2 (F)

** PROJECT OWNER SUMMARY - Feature **

______ QUANTY UOM CONTRACT COST CONTINGN TOTAL COST 01 Non-Struc Flood Damage Reduction 325,381,000 81,345,000 406,726,000 01.01 Lands and Damages 01.06 Fish and Wildlife Facilities 19,655,200 1,965,520 21,620,720 1,148,000 287,000 1,435,000 01.30 Planning, Engineering and Design 01.31 Construction Management 1.00 EA 610,000 152,500 762,500 _____ -----83,750,020 430,544,220 TOTAL Non-Struc Flood Damage Reduction 346,794,200 -----

1.00 EA

TOTAL YAZOO BACKWATER PUMP PLAN #2 (F)

U.S. Army Corps of Engineers TIME 13:47:45 PROJECT 02YAZO: YAZOO BACKWATER PUMP PLAN #2 (F) - 01 AUGUST 2007 Eff. Date 10/01/06

YAZOO BACKWATER REFORMULATION STUDY 2 (F)

** PROJECT OWNER SUMMARY - Sub-Feat **

SUMMARY PAGE 3

346,794,200 83,750,020

QUANTY UOM CONTRACT COST CONTINGN ______ 01 Non-Struc Flood Damage Reduction 01.01 Lands and Damages 01.01.01 Project Planning 48,500 39,000 9,500 40,114,000 10,028,500 50,142,500 01.01.02 Acquisitions 19,460,000 4,865,000 24,325,000 01.01.05 Appraisals 3,651,250 01.01.06 PL 91-646 Assistance 2,921,000 730,250 01.01.13 Project Administration 2,159,500 10,797,500 1.00 EA 8,638,000 254,209,000 63,552,250 317,761,250 01.01.18 Real Estate Payments ---------------325.381.000 81.345,000 406,726,000 TOTAL Lands and Damages 01.06 Fish and Wildlife Facilities 19,655,200 1,965,520 21,620,720 01.06.03 Wildlife Facilities & Sanctuary -----19,655,200 1,965,520 21,620,720 TOTAL Fish and Wildlife Facilities 01.30 Planning, Engineering and Design 287,000 1,435,000 1,148,000 01.30.23 Constructn Contracts(s) Documnts TOTAL Planning, Engineering and Design 1,148,000 287,000 1,435,000 01.31 Construction Management 610,000 152,500 762,500 01.31.23 Construction Contracts _____ ----------152,500 762,500 TOTAL Construction Management 1.00 EA 610,000 ---------------346,794,200 83,750,020 430,544,220 TOTAL Non-Struc Flood Damage Reduction -----430,544,220

TOTAL YAZOO BACKWATER PUMP PLAN #2 (F) 1.00 EA

PROJECT 2AYAZO: YAZOO BACKWATER PUMP PLAN 2A (F) - 01 AUGUST 2007

YAZOO BACKWATER REFORMULATION STUDY 2A (F)

TITLE PAGE 1

YAZOO BACKWATER PUMP PLAN 2A (F)
01 AUGUST 2007
Final Array, Alternative #2A
Nonstructural Flood Damage
Reduction Measures

Designed By: USAED, VICKSBURG

Estimated By: COST ENGINEERING BRANCH

Prepared By: Phillip G. Hegwood

Preparation Date: 10/01/06
Effective Date of Pricing: 10/01/06

Sales Tax: 0.00%

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YAZOO BACKWATER REFORMULATION STUDY 2A (F)

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U.S. Army Corps of Engineers TIME 14:23:30

SUMMARY PAGE 1

PROJECT 2AYAZO: YAZOO BACKWATER PUMP PLAN 2A (F) - 01 AUGUST 2007 YAZOO BACKWATER REFORMULATION STUDY 2A (F)

** PROJECT OWNER SUMMARY - Contract **

QUANTY UOM CONTRACT COST CONTINGN TOTAL COST 02 Nonstruct Flood Damage Reduction 1.00 EA 303,792,200 74,019,620 377,811,820 -----TOTAL YAZOO BACKWATER PUMP PLAN 2A (F) 1.00 EA 303,792,200 74,019,620 377,811,820

U.S. Army Corps of Engineers

TIME 14:23:30

SUMMARY PAGE 2

303,792,200 74,019,620 377,811,820

PROJECT 2AYAZO: YAZOO BACKWATER PUMP PLAN 2A (F) - 01 AUGUST 2007 YAZOO BACKWATER REFORMULATION STUDY 2A (F)

** PROJECT OWNER SUMMARY - Feature **

TOTAL YAZOO BACKWATER PUMP PLAN 2A (F)

CONTINGN TOTAL COST QUANTY UOM CONTRACT COST 02 Nonstruct Flood Damage Reduction 02.01 Lands and Damages 289,173,000 72,294,000 361,467,000 02.06 Fish and Wildlife Facilities 1.00 12,861,200 1,286,120 14,147,320 02.30 Planning, Engineering and Design 1.00 EA 1,148,000 287,000 1,435,000 02.31 Construction Management 1.00 EA 610,000 152,500 762,500 ----------TOTAL Nonstruct Flood Damage Reduction 1.00 EA 303,792,200 74,019,620 377,811,820 ---------------

1.00 EA

Eff. Date 10/01/06

U.S. Army Corps of Engineers

Tue 31 Jul 2007 TIME 14:23:30 PROJECT 2AYAZO: YAZOO BACKWATER PUMP PLAN 2A (F) - 01 AUGUST 2007

YAZOO BACKWATER REFORMULATION STUDY 2A (F)

** PROJECT OWNER SUMMARY - Sub-Feat **

SUMMARY PAGE 3

377,811,820

QUANTY UOM CONTRACT COST CONTINGN TOTAL COST 02 Nonstruct Flood Damage Reduction 02.01 Lands and Damages 02.01.01 Project Planning 1.00 EA 39,000 10,500 49,500 02.01.02 Acquisition Costs 1.00 EA 21,847,000 5,461,750 27,308,750 02.01.05 Appraisals 1.00 EA 10,752,000 2,688,000 13,440,000 02.01.06 P.L. 91-646 Costs 1.00 EA 1,571,000 392,750 1,963,750 02.01.13 Project Related Administration 1.00 EA 4,651,000 1,162,750 5,813,750 02.01.18 Real Estate Payments 1.00 EA 250,313,000 62,578,250 312,891,250 ---------------TOTAL Lands and Damages 289,173,000 72,294,000 361,467,000 02.06 Fish and Wildlife Facilities 02.06.03 Wildlife Facilities & Sanctuary 12,861,200 1,286,120 14,147,320 TOTAL Fish and Wildlife Facilities 1.00 12,861,200 1,286,120 14,147,320 02.30 Planning, Engineering and Design 1.00 EA 1,148,000 287,000 1,435,000 02.31 Construction Management 1.00 EA 152,500 762,500 610,000 -----------------TOTAL Nonstruct Flood Damage Reduction 1.00 EA 303,792,200 74,019,620 377,811,820 -----_____ -----TOTAL YAZOO BACKWATER PUMP PLAN 2A (F) 74,019,620

1.00 EA

303,792,200

PROJECT 2BYAZO: YAZOO BACKWATER PUMP PLAN 2B (F) - 01 AUGUST 2007

YAZOO BACKWATER REFORMULATION STUDY 2B (F)

TITLE PAGE 1

YAZOO BACKWATER PUMP PLAN 2B (F)

01 AUGUST 2007

Final Array, Alternative #2B

Nonstructural Flood Damage

Reduction Measures

Designed By: USAED, VICKSBURG

Estimated By: COST ENGINEERING BRANCH

Prepared By: Phillip G. Hegwood

Preparation Date: 10/01/06
Effective Date of Pricing: 10/01/06

Sales Tax: 0.00%

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YAZOO BACKWATER REFORMULATION STUDY 2B (F)

** PROJECT OWNER SUMMARY - Project **

QUANTITY UOM CONTRACT COST CONTINGN TOTAL COST 01 YAZOO BACKWATER PUMP PLAN 2B 1.00 JB 349,375,708 67,370,304 416,746,012 -----TOTAL YAZOO BACKWATER PUMP PLAN 2B (F) 1.00 EA 349,375,708 67,370,304 416,746,012

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SUMMARY PAGE 2

PROJECT 2BYAZO: YAZOO BACKWATER PUMP PLAN 2B (F) - 01 AUGUST 2007 YAZOO BACKWATER REFORMULATION STUDY 2B (F)

** PROJECT OWNER SUMMARY - Feature **

QUANTITY UOM CONTRACT COST CONTINGN TOTAL COST 01 YAZOO BACKWATER PUMP PLAN 2B 1.00 JB 123,028,225 30,756,775 153,785,000 01.01 LANDS AND DAMAGES 01.06 Fish and Wildlife Facilities 1.00 ЈВ 8,376,520 837,652 9,214,172 01.11 LEVEES AND FLOODWALLS 1.00 JB 165,984,529 22,779,269 188,763,797 01.30 PLANNING, ENGINEERING & DESIGN 1.00 JB 34,657,623 8,664,406 43,322,029 01.31 CONSTRUCTION MANAGEMENT 17,328,811 4,332,203 21,661,014 1.00 JB -----TOTAL YAZOO BACKWATER PUMP PLAN 2B 1.00 JB 349,375,708 67,370,304 416,746,012 -----

TOTAL YAZOO BACKWATER PUMP PLAN 2B (F) 1.00 EA 349,375,708 67,370,304 416,746,012

Eff. Date 10/01/06 PROJECT 2BYAZO: YAZOO BACKWATER PUMP PLAN 2B (F) - 01 AUGUST 2007

U.S. Army Corps of Engineers

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SUMMARY PAGE 3

YAZOO BACKWATER REFORMULATION STUDY 2B (F)

** PROJECT OWNER SUMMARY - Sub-Feat **

	QUANTITY UOM	CONTRACT COST	CONTINGN	TOTAL COST
01 YAZOO BACKWATER PUMP PLAN 2B				
01.01 LANDS AND DAMAGES				
01.01.01 Project Planning		39,000	9,469	48,469
01.01.02 Acquisitions		16,792,000	4,198,000	20,990,000
01.01.05 Appraisals		8,131,000	2,032,750	10,163,750
01.01.06 PL 91-646 Assistance		1,228,000	307,000	1,535,000
01.01.13 Project Related Administration	1.00 EA	3,637,000	909,250	4,546,250
01.01.18 Real Estate Payments			23,300,306	
TOTAL LANDS AND DAMAGES	1.00 ЈВ	123,028,225	30,756,775	153,785,000
01.06 Fish and Wildlife Facilities				
01.06.01 Reforestation	1.00 ЈВ	7,051,520	705,152	7,756,672
01.06.02 Moist Soil Areas	265.00 EA		132,500	1,457,500
TOTAL Fish and Wildlife Facilities	1.00 JB	8,376,520	837,652	9,214,172
01.11 LEVEES AND FLOODWALLS				
01.11.01 MOBILIZATION AND DEMOBILIZATION	14.00 JB	682,505	68,251	750,756
01.11.02 CLEARING AND GRUBBING	12641.00 AC	19,085,356	1,908,536	20,993,891
01.11.03 LEVEE CONSTRUCTION	39849850 CY	94,053,359	9,405,336	103,458,695
01.11.04 STRUCTURES - TYPE A	68.00 EA	4,433,497	1,108,374	5,541,871
01.11.05 STRUCTURES - TYPE B	113.00 EA	22,102,285	5,525,571	27,627,856
01.11.06 STRUCTURES - TYPE C	45.00 EA	14,669,658	3,667,414	18,337,072
01.11.07 LEVEE CROSSINGS	851529.00 CY	2,847,179	284,718	3,131,89
01.11.08 WASTEWATER TREATMENT FACILITY	2488.00 EA	8,110,691	811,069	8,921,760
TOTAL LEVEES AND FLOODWALLS	1.00 ЈВ	165,984,529	22,779,269	188,763,793
01.30 PLANNING, ENGINEERING & DESIGN	1.00 JB	34,657,623	8,664,406	43,322,029
01.31 CONSTRUCTION MANAGEMENT	1.00 JB		4,332,203	21,661,014
TOTAL YAZOO BACKWATER PUMP PLAN 2B	1.00 ЈВ	349,375,708		416,746,012

TOTAL YAZOO BACKWATER PUMP PLAN 2B (F) 1.00 EA 349,375,708 67,370,304 416,746,012

YAZOO BACKWATER REFORMULATION STUDY 2C (F)

TITLE PAGE 1

YAZOO BACKWATER PUMP PLAN 2C (F) 01 AUGUST 2007 Final Array, Alternative #2C Nonstructural Flood Damage Reduction Measures

Designed By: USAED, VICKSBURG

Estimated By: COST ENGINEERING BRANCH

Prepared By: Phillip G. Hegwood

Preparation Date: 10/01/06 Effective Date of Pricing: 10/01/06

Sales Tax: 0.00%

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PROJECT 2CYAZO: YAZOO BACKWATER PUMP PLAN 2C (F) - 01 AUGUST 2007

YAZOO BACKWATER REFORMULATION STUDY 2C (F)

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U.S. Army Corps of Engineers

TIME 14:41:59

SUMMARY PAGE 1

YAZOO BACKWATER REFORMULATION STUDY 2C (F)

** PROJECT OWNER SUMMARY - Contract **

QUANTY UOM CONTRACT COST CONTINGN TOTAL COST ______ 02 Nonstruct Flood Damage Reduction 1.00 EA 386,252,000 93,853,220 480,105,220 -----TOTAL YAZOO BACKWATER PUMP PLAN 2C (F) 1.00 EA 386,252,000 93,853,220 480,105,220

U.S. Army Corps of Engineers

TOTAL YAZOO BACKWATER PUMP PLAN 2C (F)

TIME 14:41:59

1.00 EA 386,252,000 93,853,220 480,105,220

SUMMARY PAGE 2

PROJECT 2CYAZO: YAZOO BACKWATER PUMP PLAN 2C (F) - 01 AUGUST 2007 YAZOO BACKWATER REFORMULATION STUDY 2C (F)

** PROJECT OWNER SUMMARY - Feature **

CONTINGN TOTAL COST QUANTY UOM CONTRACT COST -----02 Nonstruct Flood Damage Reduction 02.01 Lands and Damages 366,418,800 91,606,200 458,025,000 02.06 Fish and Wildlife Facilities 1.00
02.30 Planning, Engineering and Design 1.00 EA 18,075,200 1,807,520 19,882,720 1,148,000 287,000 1,435,000 02.31 Construction Management 1.00 EA 610,000 152,500 762,500 ---------------TOTAL Nonstruct Flood Damage Reduction 1.00 EA 386,252,000 93,853,220 480,105,220 -----

Eff. Date 10/01/06

U.S. Army Corps of Engineers

Tue 31 Jul 2007 TIME 14:41:59 PROJECT 2CYAZO: YAZOO BACKWATER PUMP PLAN 2C (F) - 01 AUGUST 2007

YAZOO BACKWATER REFORMULATION STUDY 2C (F)

** PROJECT OWNER SUMMARY - Sub-Feat **

SUMMARY PAGE 3

		CONTRACT COST	CONTINGN	TOTAL COST
		•••••		
02 Nonstruct Flood Damage Reduction				
02.01 Lands and Damages				
02.01.01 Project Planning	1.00 EA	39,000	11,250	50,250
02.01.02 Acquisition Costs	1.00 EA	32,697,000	8,174,250	40,871,250
02.01.05 Appraisals	1.00 EA	15,946,000	3,986,500	19,932,500
02.01.06 P.L. 91-646 Costs	1.00 EA	2,370,000	592,500	2,962,500
02.01.13 Project Related Administrat:	ion 1.00 EA	7,010,000	1,752,500	8,762,500
02.01.18 Real Estate Payments	1.00 EA	,,	77,089,200	385,446,000
TOTAL Lands and Damages		366,418,800	91,606,200	458,025,000
02.06 Fish and Wildlife Facilities				
02.06.03 Wildlife Facilities & Sancto	uary	18,075,200	1,807,520	19,882,720
TOTAL Fish and Wildlife Facilities	s 1.00	18,075,200	1,807,520	19,882,720
02.30 Planning, Engineering and Design	gn 1.00 EA	1,148,000	287,000	1,435,000
02.31 Construction Management	1.00 EA	610,000	152,500	762,500

TOTAL YAZOO BACKWATER PUMP PLAN 2C (F) 1.00 EA

TOTAL Nonstruct Flood Damage Reduction 1.00 EA 386,252,000 93,853,220 480,105,220

386,252,000 93,853,220 480,105,220

TIME 13:50:40 PROJECT 03YAZO: YAZOO BACKWATER PUMP PLAN #3 (F) - 01 AUGUST 2007

YAZOO BACKWATER REFORMULATION PUMP PLAN 3 (F)

TITLE PAGE 1

YAZOO BACKWATER PUMP PLAN #3 (F) 01 AUGUST 2007 FINAL ARRAY OF ALTERNATIVIES 14,000 CFS, AND NONSTRUCTURAL FLOOD DAMAGE REDUCTION MEASURES

Designed By: USAED, VICKSBURG

Estimated By: COST ENGINEERING BRANCH

Prepared By: PHILLIP G. HEGWOOD

Preparation Date: 10/01/06 Effective Date of Pricing: 10/01/06

Sales Tax: 0.00%

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U.S. Army Corps of Engineers PROJECT 03YAZO: YAZOO BACKWATER PUMP PLAN #3 (F) - 01 AUGUST 2007

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SUMMARY PAGE 1

YAZOO BACKWATER REFORMULATION PUMP PLAN 3 (F)

** PROJECT OWNER SUMMARY - Contract **

	MOU YTMAUQ	CONTRACT COST	CONTINGN	TOTAL COST
01 Yazoo Backwater Pumps 14,000 CFS		122,339,305	24,823,857	147,163,162
02 Non-Struc Flood Damage Reduction		71,816,960	14,884,726	86,701,686
TOTAL YAZOO BACKWATER PUMP PLAN #3 (F)	1.00 EA	194,156,265	39,708,583	233,864,848

U.S. Army Corps of Engineers

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SUMMARY PAGE 2

PROJECT 03YAZO: YAZOO BACKWATER PUMP PLAN #3 (F) - 01 AUGUST 2007

YAZOO BACKWATER REFORMULATION PUMP PLAN 3 (F)

** PROJECT OWNER SUMMARY - Feature **

		QUANTY UOM CONTRACT C	OST CONTINGN	TOTAL COST
	01 Yazoo Backwater Pumps 14,000 CFS			
	01.01 Lands and Damages	120,	800 30,200	151,000
	01.02 Relocations	3,216,	500 321,650	3,538,150
	01.09 Channels and Canals	4,351,	620 652,743	5,004,362
	01.11 Levees and Floodwalls	993,	169 148,975	1,142,145
	01.13 Pumping Plant	89,725,	971 17,840,225	107,566,195
	01.19 Buildings, Grounds, & Utilities	1,433,	116 286,623	1,719,739
	01.20 Permanent Operating Equipment	1,158,	447 208,520	1,366,967
	01.30 Planning, Engineering and Design	15,574,	253 3,893,563	19,467,816
	01.31 Construction Management	5,765,	1,441,358	7,206,788
	TOTAL Yazoo Backwater Pumps 14,000 CFS	122,339,	305 24,823,857	147,163,162
	02 Non-Struc Flood Damage Reduction			
	02.01 Lands and Damages	49,589,	700 12,398,300	61,988,000
	02.06 Fish and Wildlife Facilities	20,469,	260 2,046,926	22,516,186
	02.30 Planning, Engineering and Design	1,148,	000 287,000	1,435,000
	02.31 Construction Management	1.00 EA 610,	000 152,500	762,500
	TOTAL Non-Struc Flood Damage Reduction		960 14,884,726	86,701,686

TOTAL YAZOO BACKWATER PUMP PLAN #3 (F) 1.00 EA 194,156,265 39,708,583 233,864,848

U.S. Army Corps of Engineers

PROJECT 03YAZO: YAZOO BACKWATER PUMP PLAN #3 (F) - 01 AUGUST 2007

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YAZOO BACKWATER REFORMULATION PUMP PLAN 3 (F)

** PROJECT OWNER SUMMARY - Sub-Feat **

QUANTY UOM CONTRACT COST CONTINGN TOTAL COST -----01 Yazoo Backwater Pumps 14,000 CFS 01.01 Lands and Damages 5,250 26,250 21,000 01.01.01 Project Planning 31,250 6,250 25,000 01.01.02 Acquisitions 25,000 5,000 20,000 01.01.05 Appraisals 1,000 200 800 01.01.06 PL 91-646 Assistance 11,250 2.250 9,000 01.01.13 Project Administration 56,250 45,000 11,250 01.01.18 Real Estate Payments _____ _____ 151,000 30,200 120,800 TOTAL Lands and Damages 01.02 Relocations 3,538,150 3,216,500 321,650 1.00 EA 01.02.01 Bridge Replacement ----------3,538,150 321,650 3.216.500 TOTAL Relocations 01.09 Channels and Canals 652,743 5,004,362 4,351,620 01.09.01 Channels ----------4,351,620 652,743 5,004,362 TOTAL Channels and Canals 01.11 Levees and Floodwalls 764,653 99,737 1.00 JOB 664,915 01.11.01 Levees 377,492 328,254 49,238 1.00 JOB 01.11.02 Floodwalls _____ _____ _____ 1,142,145 148,975 993,169 TOTAL Levees and Floodwalls 01.13 Pumping Plant 89,725,971 17,840,225 107,566,195 01.13.00 Pumping Plant _____ _____ 89,725,971 17,840,225 107,566,195 TOTAL Pumping Plant 01.19 Buildings, Grounds, & Utilities 1,719,739 286,623 1,433,116 01.19.00 Buildings, Grounds, & Utilities _____ -----1,719,739 286,623 1,433,116

TOTAL Buildings, Grounds, & Utilities

Eff. Date 10/01/06

U.S. Army Corps of Engineers

Tue 31 Jul 2007 TIME 13:50:40

PROJECT 03YAZO: YAZOO BACKWATER PUMP PLAN #3 (F) - 01 AUGUST 2007 YAZOO BACKWATER REFORMULATION PUMP PLAN 3 (F)

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** PROJECT OWNER SUMMARY - Sub-Feat **

		QUANTY UOM	CONTRACT COST	CONTINGN	TOTAL COST
	01.20 Permanent Operating Equipment				
	01.20.00 Permanent Operating Equipment		1,158,447	208,520	1,366,967
	TOTAL Permanent Operating Equipment		1,158,447		1,366,967
	01.30 Planning, Engineering and Design				
	01.30.04 Constructn Contracts(s) Documnts	1.00 EA	13,655,058	3,413,765	17,068,823
	01.30.05 Programs & Project Managmt Dcmnt	1.00 EA		479,799	
	TOTAL Planning, Engineering and Design		15,574,253	3,893,563	19,467,816
	01.31 Construction Management				
	01.31.23 Construction Contracts			1,441,358	
	TOTAL Construction Management		5,765,430	1,441,358	7,206,788
	TOTAL Yazoo Backwater Pumps 14,000 CFS		122,339,305	24,823,857	147,163,162
·	02 Non-Struc Flood Damage Reduction				
	02.01 Lands and Damages				
	02.01.01 Project Planning		39,000	10,625	49,62
	02.01.02 Acquisitions		570,000	142,500	712,500
	02.01.05 Appraisals		367,000	91,750	458,75
	02.01.06 PL 91-646 Assistance		33,000	8,250	41,25
	02.01.13 Project Administration	1.00 EA	109,000	27,250	136,25
	02.01.18 Real Estate Payments		48,471,700	12,117,925	60,589,62
	TOTAL Lands and Damages			12,398,300	
	02.06 Fish and Wildlife Facilities				
	02.06.03 Wildlife Facilities & Sanctuary		20,469,260		22,516,18
	TOTAL Fish and Wildlife Facilities		20,469,260	2,046,926	22,516,18
	02.30 Planning, Engineering and Design				
	02.30.23 Constructn Contracts(s) Documnts		1,148,000	287,000	1,435,00
	TOTAL Planning, Engineering and Design		1,148,000	287,000	1,435,00

U.S. Army Corps of Engineers

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PROJECT 03YAZO: YAZOO BACKWATER PUMP PLAN #3 (F) - 01 AUGUST 2007

YAZOO BACKWATER REFORMULATION PUMP PLAN 3 (F)

** PROJECT OWNER SUMMARY - Sub-Feat **

	QUANTY UOM	CONTRACT COST	CONTINGN	TOTAL COST
02.31 Construction Management				
02.31.23 Construction Contracts		610,000	152,500	762,500
TOTAL Construction Management	1.00 EA	610,000	152,500	762,500
TOTAL Non-Struc Flood Damage Reduction		71,816,960	14,884,726	86,701,686
TOTAL YAZOO BACKWATER PUMP PLAN #3 (F)	1.00 EA	194,156,265	39,708,583	233,864,848

U.S. Army Corps of Engineers

PROJECT 04YAZO: YAZOO BACKWATER PUMP PLAN #4 (F) - 01 AUGUST 2007

YAZOO BACKWATER REFORMULATION PUMP PLAN 4 (F)

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YAZOO BACKWATER PUMP PLAN #4 (F)

01 AUGUST 2007

FINAL ARRAY OF ALTERNATIVIES

14,000 CFS, AND NONSTRUCTURAL

FLOOD DAMAGE REDUCTION MEASURES

Designed By: USAED, VICKSBURG

Estimated By: COST ENGINEERING BRANCH

Prepared By: PHILLIP G. HEGWOOD

Preparation Date: 10/01/06 Effective Date of Pricing: 10/01/06

Sales Tax: 0.00%

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YAZOO BACKWATER REFORMULATION PUMP PLAN 4 (F)

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PROJECT 04YAZO: YAZOO BACKWATER PUMP PLAN #4 (F) - 01 AUGUST 2007

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YAZOO BACKWATER REFORMULATION PUMP PLAN 4 (F)

** PROJECT OWNER SUMMARY - Contract **

QUANTY UOM CONTRACT COST CONTINGN TOTAL COST 01 Yazoo Backwater Pumps 14,000 CFS 122,339,305 24,823,857 147,163,162 02 Non-Struc Flood Damage Reduction 37,216,600 8,422,260 45,638,860 -----TOTAL YAZOO BACKWATER PUMP PLAN #4 (F) 1.00 EA 159,555,905 33,246,117 192,802,022

U.S. Army Corps of Engineers

TIME 13:52:24 PROJECT 04YAZO: YAZOO BACKWATER PUMP PLAN #4 (F) - 01 AUGUST 2007

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YAZOO BACKWATER REFORMULATION PUMP PLAN 4 (F)

** PROJECT OWNER SUMMARY - Feature **

		QUANTY UOM	CONTRACT COST	CONTINGN	TOTAL COST
01	Yazoo Backwater Pumps 14,000 CFS				
01.0	1 Lands and Damages		120,800	30,200	151,000
01.0	2 Relocations		3,216,500	321,650	3,538,150
01.0	9 Channels and Canals		4,351,620	652,743	5,004,362
01.1	1 Levees and Floodwalls		993,169	148,975	1,142,145
01.1	3 Pumping Plant		89,725,971	17,840,225	107,566,195
01.1	9 Buildings, Grounds, & Utilities		1,433,116	286,623	1,719,739
01.2	O Permanent Operating Equipment		1,158,447	208,520	1,366,967
01.3	O Planning, Engineering and Design		15,574,253	3,893,563	19,467,816
01.3	1 Construction Management			1,441,358	7,206,788
тот	AL Yazoo Backwater Pumps 14,000 CFS		122,339,305	24,823,857	
02	Non-Struc Flood Damage Reduction				
02.0	1 Lands and Damages		29,581,000	7,395,000	36,976,000
02.0	6 Fish and Wildlife Facilities		5,877,600	587,760	6,465,360
02.3	0 Planning, Engineering and Design		1,148,000	287,000	1,435,000
02.3	1 Construction Management	1.00 EA	610,000	152,500	762,500
TO	AL Non-Struc Flood Damage Reduction		37,216,600		45,638,860

TOTAL YAZOO BACKWATER PUMP PLAN #4 (F) 1.00 EA 159,555,905 33,246,117 192,802,022

Eff. Date 10/01/06

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YAZOO BACKWATER REFORMULATION PUMP PLAN 4 (F)

** PROJECT OWNER SUMMARY - Sub-Feat **

SUMMARY PAGE 3

 ••••	QUANTY UOM	CONTRACT COST	CONTINGN	TOTAL COS
01 Yazoo Backwater Pumps 14,000 CFS				
01.01 Lands and Damages				
01.01.01 Project Planning		21,000	5,250	26,25
01.01.02 Acquisitions		25,000	6,250	31,25
01.01.05 Appraisals		20,000	5,000	25,00
01.01.06 PL 91-646 Assistance		800	200	1,00
01.01.13 Project Administration	1.00 EA	9,000	2,250	11,25
01.01.18 Real Estate Payments		45,000	11,250	56,25
TOTAL Lands and Damages		120,800	30,200	151,00
01.02 Relocations				
01.02.01 Bridge Replacement	1.00 EA	3,216,500		
TOTAL Relocations		3,216,500	321,650	3,538,15
01.09 Channels and Canals				
01.09.01 Channels		4,351,620	652,743	5,004,36
TOTAL Channels and Canals			652,743	
01.11 Levees and Floodwalls				
01.11.01 Levees	1.00 JOB	664,915	99,737	764,69
01.11.02 Floodwalls	1.00 JOB	328,254	49,238	377,49
TOTAL Levees and Floodwalls		993,169	148,975	1,142,1
01.13 Pumping Plant				
01.13.00 Pumping Plant		89,725,971	17,840,225	
TOTAL Pumping Plant			17,840,225	107,566,19
01.19 Buildings, Grounds, & Utilities				
01.19.00 Buildings, Grounds, & Utilities		1,433,116	286,623	1,719,7
TOTAL Buildings, Grounds, & Utilities		1,433,116	286,623	1,719,7

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U.S. Army Corps of Engineers

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YAZOO BACKWATER REFORMULATION PUMP PLAN 4 (F)

** PROJECT OWNER SUMMARY - Sub-Feat **

		QUANTY UOM	CONTRACT COST	CONTINGN	TOTAL COST
01.:	20 Permanent Operating Equipment				
01.	20.00 Permanent Operating Equipment		1,158,447	208,520	1,366,967
	TOTAL Permanent Operating Equipment		1,158,447	208,520	1,366,967
01.	30 Planning, Engineering and Design				
01.	30.04 Constructn Contracts(s) Documnts	1.00 EA	13,655,058	3,413,765	17,068,823
01.	30.05 Programs & Project Managmt Dcmnt	1.00 EA	1,919,195	479,799	2,398,994
	TOTAL Planning, Engineering and Design		15,574,253	3,893,563	19,467,816
01.	31 Construction Management				
01.	31.23 Construction Contracts		5,765,430	1,441,358	7,206,788
	TOTAL Construction Management		5,765,430	1,441,358	7,206,788
	TOTAL Yazoo Backwater Pumps 14,000 CFS		122,339,305	24,823,857	147,163,162
. 02	Non-Struc Flood Damage Reduction				
02.	01 Lands and Damages				
02.	01.01 Project Planning		39,000	9,500	48,500
02.	01.02 Acquisitions		2,260,000	565,000	2,825,000
02.	.01.05 Appraisals		1,143,000	285,750	1,428,750
02.	.01.06 PL 91-646 Assistance		163,000	40,750	203,750
02.	.01.13 Project Administration	1.00 EA	491,000	122,750	613,750
02.	.01.18 Real Estate Payments		25,485,000	6,371,250	31,856,250
	TOTAL Lands and Damages			7,395,000	
02.	.06 Fish and Wildlife Facilities				
02.	.06.03 Wildlife Facilities & Sanctuary		5,877,600	587,760	
	TOTAL Fish and Wildlife Facilities		5,877,600	587,760	6,465,360
02.	.30 Planning, Engineering and Design				
02.	.30.23 Constructn Contracts(s) Documnts		1,148,000		1,435,000
	TOTAL Planning, Engineering and Design		1,148,000	287,000	1,435,000

U.S. Army Corps of Engineers

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159,555,905 33,246,117 192,802,022

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PROJECT 04YAZO: YAZOO BACKWATER PUMP PLAN #4 (F) - 01 AUGUST 2007

YAZOO BACKWATER REFORMULATION PUMP PLAN 4 (F)

** PROJECT OWNER SUMMARY - Sub-Feat **

QUANTY UOM CONTRACT COST CONTINGN TOTAL COST 02.31 Construction Management 02.31.23 Construction Contracts 610,000 152,500 762,500 TOTAL Construction Management 1.00 EA 610,000 152,500 762,500 TOTAL Non-Struc Flood Damage Reduction 37,216,600 8,422,260 45,638,860 -----

TOTAL YAZOO BACKWATER PUMP PLAN #4 (F) 1.00 EA

PROJECT 05YAZO: YAZOO BACKWATER PUMP PLAN #5 (F) - 01 AUGUST 2007

YAZOO BACKWATER REFORMULATION PUMP PLAN 5 (F)

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.....

YAZOO BACKWATER PUMP PLAN #5 (F)
01 AUGUST 2007
FINAL ARRAY OF ALTERNATIVIES
14,000 CFS, AND NONSTRUCTURAL
FLOOD DAMAGE REDUCTION MEASURES

Designed By: USAED, VICKSBURG

Estimated By: COST ENGINEERING BRANCH

Prepared By: PHILLIP G. HEGWOOD

Preparation Date: 10/01/06
Effective Date of Pricing: 10/01/06

Sales Tax: 0.00%

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YAZOO BACKWATER REFORMULATION PUMP PLAN 5 (F)

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PROJECT 05YAZO: YAZOO BACKWATER PUMP PLAN #5 (F) - 01 AUGUST 2007

YAZOO BACKWATER REFORMULATION PUMP PLAN 5 (F)

** PROJECT OWNER SUMMARY - Contract **

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QUANTY UOM CONTRACT COST CONTINGN TOTAL COST

01 Yazoo Backwater Pumps 14,000 CFS 122,339,305 24,823,857 147,163,162
02 Non-Struc Flood Damage Reduction 59,399,000 13,531,780 72,930,780

TOTAL YAZOO BACKWATER PUMP PLAN #5 (F) 1.00 EA 181,738,305 38,355,637 220,093,942

TIME 13:53:41 U.S. Army Corps of Engineers Tue 31 Jul 2007 Eff. Date 10/01/06 PROJECT 05YAZO: YAZOO BACKWATER PUMP PLAN #5 (F) - 01 AUGUST 2007

YAZOO BACKWATER REFORMULATION PUMP PLAN 5 (F)

** PROJECT OWNER SUMMARY - Feature **

QUANTY UOM CONTRACT COST CONTINGN TOTAL COST

	QUANTY UOM	CONTRACT COST	CONTINGN	TOTAL COST
01 Yazoo Backwater Pumps 14,000 CFS				
01.01 Lands and Damages		120,800	30,200	151,000
01.02 Relocations		3,216,500	321,650	3,538,150
01.09 Channels and Canals		4,351,620	652,743	5,004,362
01.11 Levees and Floodwalls		993,169	148,975	1,142,145
01.13 Pumping Plant		89,725,971	17,840,225	107,566,195
01.19 Buildings, Grounds, & Utilities		1,433,116	286,623	1,719,739
01.20 Permanent Operating Equipment		1,158,447	208,520	1,366,967
01.30 Planning, Engineering and Design		15,574,253	3,893,563	19,467,816
01.31 Construction Management			1,441,358	
TOTAL Yazoo Backwater Pumps 14,000 CFS			24,823,857	
02 Non-Struc Flood Damage Reduction				
02.01 Lands and Damages		48,856,200	12,213,800	61,070,000
02.06 Fish and Wildlife Facilities		8,784,800	878,480	9,663,280
02.30 Planning, Engineering and Design		1,148,000	287,000	1,435,000
02.31 Construction Management	1.00 EA		152,500	762,500
TOTAL Non-Struc Flood Damage Reduction			13,531,780	
TOTAL YAZOO BACKWATER PUMP PLAN #5 (F)	1.00 EA		38,355,637	

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YAZOO BACKWATER REFORMULATION PUMP PLAN 5 (F)

** PROJECT OWNER SUMMARY - Sub-Feat **

SUMMARY PAGE 3

 	QUANTY UOM	CONTRACT COST	CONTINGN	TOTAL COST
01 Yazoo Backwater Pumps 14,000 CFS				
01.01 Lands and Damages				
Ol Ol Ol Duniagh Planning		21,000	5,250	26,250
01.01.01 Project Planning		25,000	6,250	31,250
01.01.02 Acquisitions		20,000	5,000	25,000
01.01.05 Appraisals		800	200	1,000
01.01.06 PL 91-646 Assistance	1.00 EA	9,000	2,250	11,250
01.01.13 Project Administration	1.00 EA			56,250
01.01.18 Real Estate Payments		45,000	11,250	. 50,250
TOTAL Lands and Damages		120,800	30,200	151,000
01.02 Relocations				
01.02.01 Bridge Replacement	1.00 EA	3,216,500		
TOTAL Relocations		3,216,500	321,650	3,538,150
01.09 Channels and Canals				
01.09.01 Channels			652,743	5,004,362
TOTAL Channels and Canals		4,351,620		5,004,362
01.11 Levees and Floodwalls				
01.11.01 Levees	1.00 JOB	664,915	99,737	764,653
01.11.02 Floodwalls	1.00 JOB		49,238	377,492
TOTAL Levees and Floodwalls		993,169	148,975	1,142,14
01.13 Pumping Plant				
01.13.00 Pumping Plant			17,840,225	107,566,19
TOTAL Pumping Plant		89,725,971	17,840,225	107,566,19
01.19 Buildings, Grounds, & Utilities				
01.19.00 Buildings, Grounds, & Utilities	;	1,433,116	286,623	1,719,73
TOTAL Buildings, Grounds, & Utilities	;	1,433,116	286,623	1,719,73

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YAZOO BACKWATER REFORMULATION PUMP PLAN 5 (F)

** PROJECT OWNER SUMMARY - Sub-Feat **

 	QUANTY UOM	CONTRACT COST	CONTINGN	TOTAL COST
01.20 Permanent Operating Equipment				
01.20.00 Permanent Operating Equipment			208,520	
TOTAL Permanent Operating Equipment		1,158,447	208,520	1,366,967
01.30 Planning, Engineering and Design				
01.30.04 Constructn Contracts(s) Documnts	1.00 EA	13,655,058	3,413,765	17,068,823
01.30.05 Programs & Project Managmt Dcmnt	1.00 EA	1,919,195		
TOTAL Planning, Engineering and Design		15,574,253	3,893,563	19,467,816
01.31 Construction Management				
01.31.23 Construction Contracts			1,441,358	
TOTAL Construction Management		5,765,430	1,441,358	7,206,788
TOTAL Yazoo Backwater Pumps 14,000 CFS			24,823,857	
02 Non-Struc Flood Damage Reduction				
02.01 Lands and Damages				
02.01.01 Project Planning		39,000	9,500	48,50
02.01.02 Acquisitions		3,386,000	846,500	4,232,50
02.01.05 Appraisals		1,701,000	425,250	2,126,25
02.01.06 PL 91-646 Assistance		243,000	60,750	303,75
02.01.13 Project Administration	1.00 EA	727,000	181,750	908,75
02.01.18 Real Estate Payments		42,760,200	10,690,050	53,450,25
TOTAL Lands and Damages		48,856,200	12,213,800	61,070,00
02.06 Fish and Wildlife Facilities				
02.06.03 Wildlife Facilities & Sanctuary			878,480	
TOTAL Fish and Wildlife Facilities		8,784,800	878,480	9,663,28
02.30 Planning, Engineering and Design				
02.30.23 Constructn Contracts(s) Documnts		1,148,000	287,000	1,435,00
TOTAL Planning, Engineering and Design		1,148,000	287,000	1,435,00

U.S. Army Corps of Engineers

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TOTAL YAZOO BACKWATER PUMP PLAN #5 (F) 1.00 EA 181,738,305 38,355,637 220,093,942

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YAZOO BACKWATER REFORMULATION PUMP PLAN 5 (F)

PROJECT 05YAZO: YAZOO BACKWATER PUMP PLAN #5 (F) - 01 AUGUST 2007

** PROJECT OWNER SUMMARY - Sub-Feat **

	QUANTY UOM	CONTRACT COST	CONTINGN	TOTAL COST
02.31 Construction Management				
02.31.23 Construction Contracts		610,000	152,500	762,500
TOTAL Construction Management	1.00 EA	610,000	152,500	762,500
TOTAL Non-Struc Flood Damage Reduction		59,399,000	13,531,780	72,930,780

PROJECT 06YAZO: YAZOO BACKWATER PUMP PLAN #6 (F) - 01 AUGUST 2007

YAZOO BACKWATER REFORMULATION PUMP PLAN 6 (F)

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YAZOO BACKWATER PUMP PLAN #6 (F)
01 AUGUST 2007
FINAL ARRAY OF ALTERNATIVIES
14,000 CFS, AND NONSTRUCTURAL
FLOOD DAMAGE REDUCTION MEASURES

Designed By: USAED, VICKSBURG

Estimated By: COST ENGINEERING BRANCH

Prepared By: PHILLIP G. HEGWOOD

Preparation Date: 10/01/06
Effective Date of Pricing: 10/01/06

Sales Tax: 0.00%

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YAZOO BACKWATER REFORMULATION PUMP PLAN 6 (F)

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SUMMARY PAGE 1

YAZOO BACKWATER REFORMULATION PUMP PLAN 6 (F)

** PROJECT OWNER SUMMARY - Contract **

			QUANTY UOM	CONTRACT COST	CONTINGN	TOTAL COST
01	Yazoo Backwater	Pumps 14,000 CFS		122,339,305	24,823,857	147,163,162
02	Non-Struc Flood	Damage Reduction		93,133,400	21,354,420	114,487,820
TOTAL	YAZOO BACKWATER	PUMP PLAN #6 (F)	1.00 EA	215,472,705	46,178,277	261,650,982

Eff. Date 10/01/06

U.S. Army Corps of Engineers

Tue 31 Jul 2007 TIME 13:54:18 PROJECT 06YAZO: YAZOO BACKWATER PUMP PLAN #6 (F) - 01 AUGUST 2007

YAZOO BACKWATER REFORMULATION PUMP PLAN 6 (F)

** PROJECT OWNER SUMMARY - Feature **

	QUANTY UOM	CONTRACT COST	CONTINGN	TOTAL COST
01 Yazoo Backwater Pumps 14,000 CFS				
01.01 Lands and Damages		120,800	30,200	151,000
01.02 Relocations		3,216,500	321,650	3,538,150
01.09 Channels and Canals		4,351,620	652,743	5,004,362
01.11 Levees and Floodwalls		993,169	148,975	1,142,145
01.13 Pumping Plant		89,725,971	17,840,225	107,566,195
01.19 Buildings, Grounds, & Utilities		1,433,116	286,623	1,719,739
01.20 Permanent Operating Equipment		1,158,447	208,520	1,366,967
01.30 Planning, Engineering and Design		15,574,253	3,893,563	19,467,816
01.31 Construction Management			1,441,358	
TOTAL Yazoo Backwater Pumps 14,000 CFS		122,339,305	24,823,857	147,163,162
02 Non-Struc Flood Damage Reduction				
02.01 Lands and Damages		78,514,200	19,628,800	98,143,000
02.06 Fish and Wildlife Facilities		12,861,200	1,286,120	14,147,320
02.30 Planning, Engineering and Design		1,148,000	287,000	1,435,000
02.31 Construction Management	1.00 EA		152,500	
TOTAL Non-Struc Flood Damage Reduction		93,133,400	21,354,420	114,487,820
TOTAL YAZOO BACKWATER PUMP PLAN #6 (F)	1.00 EA		46,178,277	261,650,982

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YAZOO BACKWATER REFORMULATION PUMP PLAN 6 (F)

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** PROJECT OWNER SUMMARY - Sub-Feat **

 	QUANTY UOM	CONTRACT COST	CONTINGN	TOTAL COST
01 Yazoo Backwater Pumps 14,000 CFS				
01.01 Lands and Damages				
01.01.01 Project Planning		21,000	5,250	26,250
01.01.02 Acquisitions		25,000	6,250	31,250
01.01.05 Appraisals		20,000	5,000	25,000
01.01.06 PL 91-646 Assistance		800	200	1,000
01.01.13 Project Administration	1.00 EA	9,000	2,250	11,250
01.01.18 Real Estate Payments		45,000	11,250	56,250
TOTAL Lands and Damages		120,800	30,200	151,000
01.02 Relocations				
01.02.01 Bridge Replacement	1.00 EA	3,216,500		
TOTAL Relocations		3,216,500	321,650	
01.09 Channels and Canals				
01.09.01 Channels		4,351,620	652,743	5,004,36
TOTAL Channels and Canals		4,351,620		
01.11 Levees and Floodwalls				
01.11.01 Levees	1.00 JOB	664,915	99,737	764,65
01.11.02 Floodwalls	1.00 JOB	328,254	49,238	377,492
TOTAL Levees and Floodwalls		993,169	148,975	1,142,14
01.13 Pumping Plant				
01.13.00 Pumping Plant			17,840,225	
TOTAL Pumping Plant		89,725,971	17,840,225	107,566,19
01.19 Buildings, Grounds, & Utilities				
01.19.00 Buildings, Grounds, & Utilities		1,433,116	286,623	1,719,73
TOTAL Buildings, Grounds, & Utilities		1,433,116	286,623	1,719,73

Eff. Date 10/01/06 PROJECT 06YAZO: YAZOO BACKWATER PUMP PLAN #6 (F) - 01 AUGUST 2007

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YAZOO BACKWATER REFORMULATION PUMP PLAN 6 (F)

** PROJECT OWNER SUMMARY - Sub-Feat **

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 	QUANTY UOM	CONTRACT COST	CONTINGN	TOTAL COST
01.20 Permanent Operating Equipment				
01.20.00 Permanent Operating Equipment			208,520	1,366,967
TOTAL Permanent Operating Equipment		1,158,447		
01.30 Planning, Engineering and Design	,			
01.30.04 Constructn Contracts(s) Documnts	1.00 EA	13,655,058	3 413.765	17.068.823
01.30.05 Programs & Project Managmt Domnt		1,919,195	479,799	
,				
TOTAL Planning, Engineering and Design		15,574,253	3,893,563	19,467,816
01.31 Construction Management				
01.31.23 Construction Contracts		5,765,430	1,441,358	7,206,788
TOTAL Construction Management		5,765,430		7,206,788
TOTAL Yazoo Backwater Pumps 14,000 CFS		122,339,305	24,823,857	147,163,162
02 Non-Struc Flood Damage Reduction				
02.01 Lands and Damages				
02.01.01 Project Planning		39,000	10,000	49,000
02.01.02 Acquisitions		4,823,000	1,205,750	6,028,750
02.01.05 Appraisals		2,420,000	605,000	3,025,00
02.01.06 PL 91-646 Assistance		344,000	86,000	430,00
02.01.13 Project Administration	1.00 EA	1,027,000	256,750	1,283,75
02.01.18 Real Estate Payments		69,861,200	17,465,300	87,326,50
TOTAL Lands and Damages			19,628,800	
02.06 Fish and Wildlife Facilities				
02.06.03 Wildlife Facilities & Sanctuary		12,861,200	1,286,120	14,147,32
TOTAL Fish and Wildlife Facilities		12,861,200	1,286,120	14,147,32
02.30 Planning, Engineering and Design				
02.30.23 Constructn Contracts(s) Documnts	:	1,148,000	287,000	1,435,00

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YAZOO BACKWATER REFORMULATION PUMP PLAN 6 (F)

** PROJECT OWNER SUMMARY - Sub-Feat **

TOTAL YAZOO BACKWATER PUMP PLAN #6 (F) 1.00 EA 215,472,705 46,178,277 261,650,982

QUANTY UOM CONTRACT COST CONTINGN TOTAL COST 02.31 Construction Management 02.31.23 Construction Contracts 610,000 152,500 762,500 1.00 EA 152,500 TOTAL Construction Management 610,000 762,500 ---------------TOTAL Non-Struc Flood Damage Reduction 93,133,400 21,354,420 114,487,820 -----

U.S. Army Corps of Engineers

PROJECT 07YAZO: YAZOO BACKWATER PUMP PLAN #7 (F) - 01 AUGUST 2007

YAZOO BACKWATER REFORMULATION PUMP PLAN 7 (F)

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YAZOO BACKWATER PUMP PLAN #7 (F)
01 AUGUST 2007
FINAL ARRAY OF ALTERNATIVIES
14,000 CFS, AND NONSTRUCTURAL
FLOOD DAMAGE REDUCTION MEASURES

Designed By: USAED, VICKSBURG

Estimated By: COST ENGINEERING BRANCH

Prepared By: PHILLIP G. HEGWOOD

Preparation Date: 10/01/06
Effective Date of Pricing: 10/01/06

Sales Tax: 0.00%

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Release 5.31

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YAZOO BACKWATER REFORMULATION PUMP PLAN 7 (F)

** PROJECT OWNER SUMMARY - Contract **

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QUANTY UOM CONTRACT COST CONTINGN TOTAL COST _____ 122,339,305 24,823,857 147,163,162 01 Yazoo Backwater Pumps 14,000 CFS 191,241,200 44,863,020 236,104,220 02 Non-Struc Flood Damage Reduction _____ TOTAL YAZOO BACKWATER PUMP PLAN #7 (F) 1.00 EA 313,580,505 69,686,877 383,267,382 Eff. Date 10/01/06

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YAZOO BACKWATER REFORMULATION PUMP PLAN 7 (F)

** PROJECT OWNER SUMMARY - Feature **

		QUANTY UOM	CONTRACT COST	CONTINGN	TOTAL COST
01 Yazoo Backwat	er Pumps 14,000 CFS				
01.01 Lands and 1	Damages		120,800	30,200	151,000
01.02 Relocations	s		3,216,500	321,650	3,538,150
01.09 Channels a	nd Canals		4,351,620	652,743	5,004,362
01.11 Levees and	Floodwalls		993,169	148,975	1,142,145
01.13 Pumping Pla	ant		89,725,971	17,840,225	107,566,195
01.19 Buildings,	Grounds, & Utilities		1,433,116	286,623	1,719,739
01.20 Permanent	Operating Equipment		1,158,447	208,520	1,366,967
01.30 Planning,	Engineering and Design		15,574,253	3,893,563	19,467,816
01.31 Construction	on Management		5,765,430	1,441,358	7,206,788
TOTAL Yazoo Back	water Pumps 14,000 CFS		122,339,305	24,823,857	147,163,162
02 Non-Struc Flo	od Damage Reduction				
02.01 Lands and	Damages		169,828,000	42,458,000	212,286,00
02.06 Fish and W	ildlife Facilities		19,655,200	1,965,520	21,620,720
02.30 Planning,	Engineering and Design		1,148,000	287,000	1,435,000
02.31 Constructi	on Management	1.00 EA	610,000	152,500	762,500
TOTAL Non-Struc	Flood Damage Reduction		191,241,200	44,863,020	236,104,22
TOTAL YAZOO BACK	WATER PUMP PLAN #7 (F)	1.00 EA	313,580,505	69,686,877	383,267,38

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YAZOO BACKWATER REFORMULATION PUMP PLAN 7 (F)

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** PROJECT OWNER SUMMARY - Sub-Feat **

		MOU YTMAUQ	CONTRACT COST	CONTINGN	TOTAL COST
01	Yazoo Backwater Pumps 14,000 CFS				
01.0	1 Lands and Damages				
01.0	1.01 Project Planning		21,000	5,250	26,250
01.0	1.02 Acquisitions		25,000	6,250	31,250
01.0	1.05 Appraisals		20,000	5,000	25,000
01.0	1.06 PL 91-646 Assistance		800		1,000
01.0	1.13 Project Administration	1.00 EA	9,000	2,250	
01.0	1.18 Real Estate Payments		45,000	11,250	56,250
	TOTAL Lands and Damages		120,800	30,200	151,000
01.0	2 Relocations				
01.0	2.01 Bridge Replacement	1.00 EA	3,216,500		3,538,150
	TOTAL Relocations		3,216,500	321,650	
01.0	9 Channels and Canals				
01.0	9.01 Channels		4,351,620	652,743	5,004,362
	TOTAL Channels and Canals		4,351,620	652,743	5,004,362
01.	ll Levees and Floodwalls				
01.	11.01 Levees	1.00 JOB	664,915	99,737	764,653
01.	11.02 Floodwalls	1.00 JOB	328,254	49,238	377,492
	TOTAL Levees and Floodwalls		993,169	148,975	1,142,145
01.	13 Pumping Plant				
01.	13.00 Pumping Plant			17,840,225	
	TOTAL Pumping Plant		89,725,971	17,840,225	
01.	19 Buildings, Grounds, & Utilities				
01.	19.00 Buildings, Grounds, & Utilitie	s	1,433,116	286,623	1,719,739
	TOTAL Buildings, Grounds, & Utilities	s	1,433,116	286,623	1,719,739

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1,148,000 287,000 1,435,000

YAZOO BACKWATER REFORMULATION PUMP PLAN 7 (F)

** PROJECT OWNER SUMMARY - Sub-Feat **

			CONTRACT COST	CONTINGN	TOTAL COST
01.20 Permanent Op	erating Equipment				
01.20.00 Permanent	Operating Equipment		1,158,447	208,520	1,366,967
TOTAL Permanent	Operating Equipment			208,520	
01.30 Planning, Er	gineering and Design				
01.30.04 Construct	n Contracts(s) Documnts	1.00 EA	13,655,058	3,413,765	17,068,82
01.30.05 Programs	& Project Managmt Dcmnt	1.00 EA	1,919,195	479,799	2,398,99
TOTAL Planning,	Engineering and Design		15,574,253	3,893,563	19,467,816
01.31 Construction	n Management				
01.31.23 Construct	ion Contracts			1,441,358	
TOTAL Construct	ion Management			1,441,358	7,206,78
TOTAL Yazoo Bad	ckwater Pumps 14,000 CFS		122,339,305	24,823,857	147,163,162
02 Non-Struc Flood	i Damage Reduction				
02.01 Lands and Da	nmages				
02.01.01 Project F	Planning		39,000	10,750	49,75
02.01.02 Acquisit				3,478,750	17,393,75
02.01.05 Appraisal			6,846,000	1,711,500	8,557,500
02.01.06 PL 91-646 02.01.13 Project P		1 00 FB	1,003,000	250,750	1,253,750
02.01.18 Real Esta		1.00 EA		743,000 36,263,250	3,715,000 181,316,250
VI.VI.IV ROAT ESSE	rec raymenes		143,033,000	30,203,230	101,310,230
TOTAL Lands and	d Damages			42,458,000	212,286,000
02.06 Fish and Wi	ldlife Facilities				
02.06.03 Wildlife	Facilities & Sanctuary				21,620,720
TOTAL Fish and	Wildlife Facilities			1,965,520	21,620,720
02.30 Planning, E	ngineering and Design				
02.30.23 Construct	tn Contracts(s) Documnts			287,000	

TOTAL Planning, Engineering and Design

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TOTAL YAZOO BACKWATER PUMP PLAN #7 (F) 1.00 EA 313,580,505 69,686,877 383,267,382

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** PROJECT OWNER SUMMARY - Sub-Feat **

QUANTY UOM CONTRACT COST CONTINGN TOTAL COST 02.31 Construction Management 02.31.23 Construction Contracts 610,000 152,500 762,500 ------TOTAL Construction Management 1.00 EA 152,500 762,500 610,000 -----191,241,200 44,863,020 236,104,220 TOTAL Non-Struc Flood Damage Reduction ______